

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

45. (Currently amended) A compound comprising a plurality of linked nucleosides, wherein:

at least one of the nucleosides is a 2'-deoxy'-2'-fluoro, 2'-O-C₁-C₂₀-alkyl, 2'-O-C₂-C₂₀-alkenyl, 2'-O-C₂-C₂₀-alkynyl, 2'-S-C₁-C₂₀-alkyl, 2'-S-C₂-C₂₀-alkenyl, 2'-S-C₂-C₂₀-alkynyl, 2'-NH-C₁-C₂₀-alkyl, 2'-NH-C₂-C₂₀-alkenyl, or 2'-NH-C₂-C₂₀-alkynyl nucleoside; and

at least one of the nucleosides is a 5'-O- terminal nucleoside having a non-aromatic lipophilic molecule linked to the 5'-O-position of the nucleoside, provided that the compound does not include sulfamate or sulfamide internucleotide linkages.

46. (Previously presented) The compound of claim 45 wherein at least one of said nucleosides is a 2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.

47. (Currently amended) A compound comprising a plurality of linked nucleosides, wherein:

at least one of the nucleosides is a 2'-deoxy'-2'-fluoro, 2'-O-C₁-C₂₀-alkyl, 2'-O-C₂-C₂₀-alkenyl, 2'-O-C₂-C₂₀-alkynyl, 2'-S-C₁-C₂₀-alkyl, 2'-S-C₂-C₂₀-alkenyl, 2'-S-C₂-C₂₀-alkynyl, 2'-NH-C₁-C₂₀-alkyl, 2'-NH-C₂-C₂₀-alkenyl, or 2'-NH-C₂-C₂₀-alkynyl nucleoside; and

at least one of the nucleosides is a 5'-O- terminal nucleoside having a non-aromatic molecule linked to the 5'-O-position of the nucleoside, provided that the compound does not include sulfamate or sulfamide internucleotide linkages.

48. (Previously presented) The compound of claim 47 wherein at least one of said nucleosides is a 2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.

49. (Currently amended) A compound comprising a plurality of linked nucleosides, wherein:

at least one of the nucleosides is a 2'-deoxy'-2'-fluoro, 2'-O-C₁-C₂₀-alkyl, 2'-O-C₂-C₂₀-alkenyl, 2'-O-C₂-C₂₀-alkynyl, 2'-S-C₁-C₂₀-alkyl, 2'-S-C₂-C₂₀-alkenyl, 2'-S-C₂-C₂₀-alkynyl, 2'-NH-C₁-C₂₀-alkyl, 2'-NH-C₂-C₂₀-alkenyl, or 2'-NH-C₂-C₂₀-alkynyl nucleoside; and

at least one of the nucleosides is a 5'-O- terminal nucleoside having a lipophilic molecule linked to the 5'-O-position of the nucleoside, provided that the compound does not include sulfamate or sulfamide internucleotide linkages.

50. (Previously presented) The compound of claim 49 wherein at least one of said nucleosides is a 2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.